



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 37] नई दिल्ली, शनिवार, सितम्बर 11, 1993 (भाद्रपद 20, 1915)  
No. 37] NEW DELHI, SATURDAY, SEPTEMBER 11, 1993 (BHADRA 20, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 11th September 1993

#### ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,  
Todi Estates, III Floor,  
Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
Unit No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

1—237 GI/93

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office (Head Office),  
"NIZAM PALACE", 2nd M.S.O. Building,  
5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

(785)

## पेटेंट कार्यालय

एकत्रित तथा अभिकल्प

कलकत्ता, दिनांक 11 सितम्बर 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा चम्बर, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जॉन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी हस्टेट,  
तीसरा तल, लोअर परले (पश्चिम),  
चम्बर-100013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा  
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकत्रित सं. 401 से 405, तीसरा तल,  
राज्यपतिका बाजार भवन,  
नरसिंही मार्ग, करोल बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, वालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिन्निकाय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुस्तरीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा बैंक आवेदन या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

## APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section-135, of the Patents Act, 1970.

26th July 1993

424/Cal/93 Tippins Incorporated. Method and apparatus for intermediate thickness slab caster and in-line hot strip and plate line.

425/Cal/93 Eaton Corporation. Voltage compensation of a pulse-width-modulated servomechanism.

426/Cal/93 Emitec Gesellschaft Fur Emissionstechnologie MbH. Method for applying brazing material to a metal structure, particularly subregions of a honey-comb body.

427/Cal/93 J. M. Voith GmbH. Processing treatment of waste paper.

428/Cal/93 Wilhelm Hegenscheidt Gesellschaft. MBH. Procedure for the Metal-cutting processing of a wheel set driven by friction rollers and the machine for the conduction of the procedure.

27th July 1993

429/Cal/93 Kolene Corporation. Method and apparatus for descaling metals strip.

430/Cal/93 RGC Mineral Sands Ltd. Treatment of titanium materials. (Convention Nos. PL3876/92 and PL6401/92 dated 31-7-1992 and 16-12-92 Australia).

## APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI-110 005

26th April 93

415/Del/93 IMPERIAL CHEMICAL INDUSTRIES PLC., "A PROCESS FOR THE PREPARATION OF POLYCYCLIC DYES". CONVENTION DATE 3-10-88 (U.K.).

416/Del/93 IMPERIAL CHEMICAL INDUSTRIES PLC., "A PROCESS FOR THE PREPARATION OF POLYCYCLIC DYES". CONVENTION DATE 3-10-88 (U.K.).

417/Del/93 NORSK HYDRO A.S., "FLEXIBLE PVC MATERIAL CONTAINING GLYCIDYL ACRYLATE, WITH HIGH RESISTANCE TO HEAT AGEING, METHOD AND USE".

418/Del/93 NOVAPHARM RESEARCH (AUSTRALIA) PTY LIMITED, "PRESSURE DISPENSING PUMP".

419/Del/93 WESTINGHOUSE AIR BRAKE COMPANY, "IMPROVED VARIABLE ANGLE FRICTION CLUTCH MECHANISM FOR A DRAFT GEAR ASSEMBLY".

27th April 93

420/Del/93 JAY P. NIELSON, "TREATMENT OF EFFLUENT GASES FOR POLLUTION REMOVAL AND RECOVERY OF VALUABLE PRODUCTS".

- 421/Del/93 LI MEDICAL TECHNOLOGIES, INC., "LAPAROSCOPIC NEEDLE HOLDER".
- 422/Del/93 CORNING INCORPORATED, "METHOD FOR FORMING PTFE MEMBRANE/GASKET ASSEMBLY".
- 423/Del/93 JONHIG LIMITED, "VALUE TRANSFER SYSTEM".
- 424/Del/93 TELEMECANIQUE, "CUTOFF STRUCTURE FOR CIRCUIT BREAKER".
- 425/Del/93 TELEMECANIQUE, "CIRCUIT BREAKER WITH PIVOTING CONTROL BUTTONS".
- 426/Del/93 ALLAN JAMES YEOMANS "RADIANT ENERGY COLLECTING APPARATUS".

28th April 93

- 427/Del/93 THE PROCTER & GAMBLE COMPANY, "METHOD FOR MAKING AN ABSORBENT ARTICLE COMPRISING AN ABSORBENT CORE HAVING TWO TYPES OF FIBERS AND FIBER BOARD FOR USE IN SUCH A METHOD". CONVENTION DATE 6-5-92 (U.K.).
- 428/Del/93 KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, "NOVEL QUINOLONE CARBOXYLIC ACID DERIVATIVES AND PROCESS FOR PREPARING THE SAME".
- 429/Del/93 BHARAT HEAVY ELECTRICALS LIMITED, "PARTIAL SPRAY RETROFIT SYSTEM FOR STEAM CONDENSERS".
- 430/Del/93 DR. OMVIR SINGH CHAUDHARY, "A DEVICE IN WHICH OSCILLATORY ANGLE OF A TABLE FAN IS CONTROLLED".
- 431/Del/93 SAMSONITE CORPORATION, "TRAVEL CONVENIENCE AND SECURITY DEVICE".
- 432/Del/93 THE LUBRIZOL CORPORATION, "LIQUID COMPOSITIONS CONTAINING CARBOXYLIC ESTERS".
- 433/Del/93 THE LUBRIZOL CORPORATION, "LIQUID COMPOSITIONS CONTAINING CARBOXYLIC ESTERS".
- 434/Del/93 THE LUBRIZOL CORPORATION, "LIQUID COMPOSITIONS CONTAINING BLENDS OF CARBOXYLIC ESTERS".
- 435/Del/93 THE LUBRIZOL CORPORATION, "LIQUID COMPOSITIONS CONTAINING CARBOXYLIC ESTERS".

29th April 93

- 436/Del/93 SOLVAY, "CATALYTIC SYSTEM WHICH CAN BE USED FOR THE STEREOSPECIFIC POLYMERISATION OF  $\alpha$ -OLEFINS, PROCESS FOR THIS POLYMERISATION AND POLYMERS OBTAINED".
- 437/Del/93 SOLVAY, "CATALYST SYSTEM FOR THE POLYMERISATION OF OLEFINS; PROCESS FOR THIS POLYMERISATION AND POLYMERS THUS OBTAINED".
- 438/Del/93 HENRY CHI YUEN, "APPARATUS AND METHOD USING COMPRESSED CODES FOR TELEVISION PROGRAM RECORD SCHEDULING".

30th April 93

- 439/Del/93 THE WHITAKER CORPORATION, "CABLE BACKPANEL INTERCONNECTION". CONVENTION DATE 11-5-92 (U.K.).
- 440/Del/93 IMPERIAL CHEMICAL INDUSTRIES PLC., "IMPROVEMENTS IN PRILL DRYING". CONVENTION DATE 5-5-92 (U.K.).

- 441/Del/93 IMPERIAL CHEMICAL INDUSTRIES PLC., "IMPROVED PRILLING PROCESS". CONVENTION DATE 5-5-92 (U.K.).

- 442/Del/93 IMPERIAL CHEMICAL INDUSTRIES PLC., "GRANULATED AMMONIUM NITRATE PRODUCTS". CONVENTION DATE 5-5-92 (U.K.).

## APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH

61, WALLAJAH ROAD, MADRAS-600 002.

13th July 1993

- 474/Mas/93 Portland Smelter Services Pty. Ltd., Alumina supply apparatus for electrolytic shelter. (July 14, 1992; Australia).
- 475/Mas/93 Showa Danko K. K. Process for producing 1, 1, 1, 2-Tetrafluoroethane.
- 476/Mas/93 BAFS Aktiengesellschaft, Silver-containing alumina supported catalyst, and the catalytic decomposition of dinitrogen monoxide which is pure or present in gas mixtures.

14th July 1993

- 477/Mas/93 Leonhard Kurz GMBH & Co. and Koenig & Bauer AG. Method and apparatus for transferring imprints from a carrier on to a substrate.
- 478/Mas/93 The Dow Chemical Company. A process for preparing a polyurethane foam. (Divisional to Retent Application No. 552/Mas/89).
- 479/Mas/93 Noboru Maruyama. Liquid heating apparatus.
- 480/Mas/93 British-American Tobacco Company Limited. Improvements relating to wrapper materials for filter elements, methods of processing same and filter elements incorporating same. (July 22, 1992; United Kingdom).

15th July 1993

- 481/Mas/93 Indian Institute of Technology. A dynodrive powered hydrodynamic exciter for vertical plane oscillations of bodies in water.
- 482/Mas/93 Thayyil Skaria Varghese, George Abraham Thayyil, Thayyil Varghese Skaria and Dr. Abraham Thayyil. An improved umbrella.
- 483/Mas/93 PPV Varweltungs AG. Disc-shaped mixing tool.
- 484/Mas/93 Merpro Tortex Limited. Treatment device. (August 10, 1992; United Kingdom).
- 485/Mas/93 The South India Textile Research Association and M/s. Milltex Engineers (P.) Ltd., Improved cutting machine assembly for cutting fibres, a method of producing cut fibres therewith and cut fibres produced thereby.

16th July 1993

- 486/Mas/93 Plastro-Gvat. Static sprayer including protective cover.
- 487/Mas/93 Edward Albert Munn and Trevor Stanley Smith. A method of producing. (March 17, 1989; United Kingdom). (Divisional to Patent Application No. 853/Mas/91).

19th July 1993

- 488/Mas/93 B. M. Birla Science Centre. Birla Resc. Bvs. —3 Lead Alloy.
- 489/Mas/93 B. S. Murty & L. R. Padikone. Phonoguard, which is a subscribers Dynamic Locking System (SDLS).

490/Mas/93 Vittal Maliya Scientific Research Foundation. Process for the separation and purification of proteins.

491/Mas/93 Vittal Maliya Scientific Research Foundation. Process for the preparation of A Novel chromatographic Agent.

492/Mas/93 Vinusoman. The New Commutatorless D.C. Motor.

493/Mas/93 Institut Francais Du Petrole. Pneumatic Injection two-stroke engine with first order Balancing of the reciprocating masses.

494/Mas/93 Maschinenfabrik Rieter AG. Spinning Apparatus.

495/Mas/93 CSIR of Corporate Building; Potchefstroom University for Christian Higher Education & Lektatek Instrumentation (Proprietary) Limited. Fluid Analysis.

20th July 1993

496/Mas/93 Owens-Illinois Closure Inc. Plastic Beverage Closure.

497/Mas/93 Ako N.V. A method of manufacturing a composite laminate comprising undirectional reinforcing fibres, for use in printed wire boards.

21st July 1993

498/Mas/93 Pieter Johannes Hendrikse. Rollable container.

499/Mas/93 The trustees of the University of Pennsylvania. An apparatus for preparing saccharide compounds. (April 15, 1991; New Zealand).

500/Mas/93 Alacritiy Foundations Private Limited. An aluminium foil wound electromagnetic core and an apparatus and method of making the same.

22nd July 1993

501/Mas/93 Mohan A Menon. Gasless air ship.

502/Mas/93 Maschinenfabrik Rieter AG. Arrangement for actuating the fixing sleeve for a ring spinning machine or doubling frame.

23rd July 1993

503/Mas/93 Preetha Sreekumar. Treatment of effluent from sulphate Route titanium dioxide Plant to the standard required for marine discharge, by recovering hydrated titania, without generating any solid waste.

504/Mas/93 Sankaranarayanan Sunil. Acoustically Enclosed Diesel Generator Set.

505/Mas/93 Indian Institute of Technology. A method of metal deposition by electro-discharge machining.

506/Mas/93 Comalco Aluminium Limited. Treatment of solid material. (24th July, 1993; Australia).

507/Mas/93 Comalco Aluminium Limited. Process for extracting alumina from Bauxite. (24th July, 1992; Australia).

508/Mas/93 The Dow Chemical Company. A process for preparing a polyurethane foam. (Divisional to patent application No. 553/Mas/89).

509/Mas/93 Canon Kabushiki Kaisha. Apparatus and method for manufacturing ink jet printed products and ink jet printed products manufactured using the method.

510/Mas/93 John Leslie Williams. An ophthalmic Device. (9th June, 1988; U.K.).

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट निर्गम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।”

वर्णन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों को टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिन उक्त कार्यालय से पत्र व्यवहार द्वारा सन्निविष्ट करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 172 F, 146 C.

172511

Int. Cl.<sup>4</sup> : D 01 H 13/32, 13/26,

G 01 B 7/00.

A SYSTEM FOR MEASURING AND/OR MONITORING PROPERTIES OF YARNS OR ROPES.

Applicant & Inventor : DR. ING. ROBERT MASSEN, OF KAMPFENSTRASSE 39, 7760 RADOLFZELL, FEDERAL REPUBLIC OF GERMANY.

Application No. 394/Cal/88; filed on 16th May, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972 Patent Office, Calcutta).

# 15 Claims

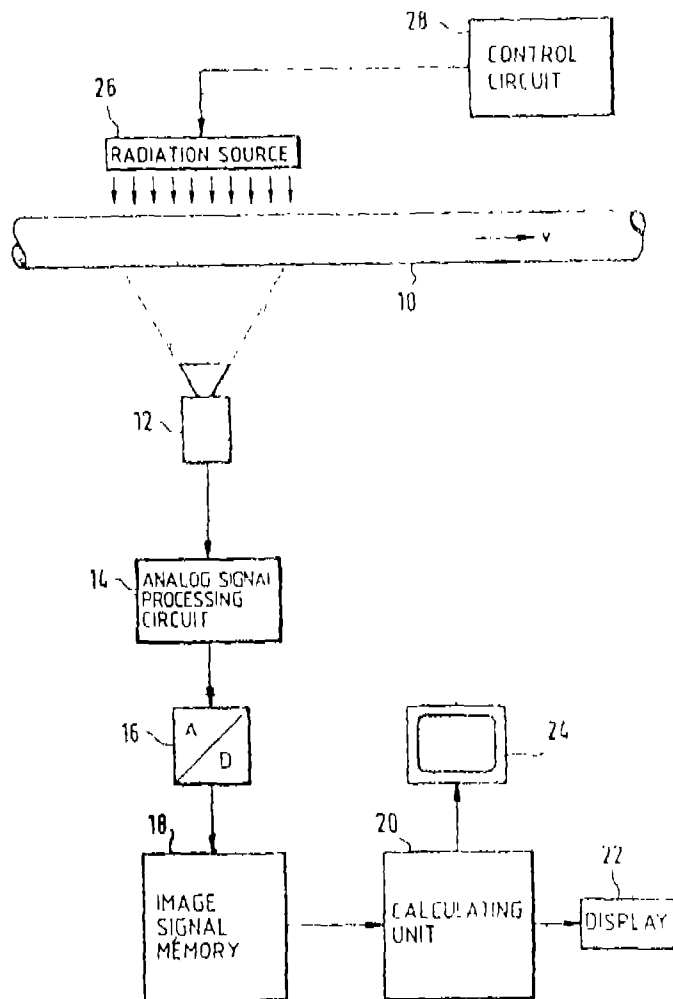
A device for measuring and/or monitoring properties of yarns or ropes comprising;

an image sensor for picking up the image of a portion of the yarns or rope and converting said image to an analog electrical image signal;

an analog/digital converter following the image sensor for digitizing in analog image signal;

an image signal memory for storing the digital image signals furnished by the analog/digital converter; and

a calculating unit for determining the values of the properties to be detected from the stored digital image signals.



Compl. specn. 31 pages.

Drgns. 7 sheets.

Cl. : 20 B

172512

Int. Cl. : B 43 K 31/00.

## A RECORD SUPPORT HAVING AT LEAST TWO SHEETS.

Applicant & Inventor : GERHARD ANTONIUS WORNDLI OF LERCHENBUHLSTR. 14, 6045 MEGGEN/SWITZERLAND.

Application No. 125/Cal/89; filed on 13th February, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

# 16 Claims

A record support having at least two sheets (1, 3) laid flat on one another, which are joined to form a pocket along substantial edge sections, with an intermediate sheet arrangement (5) which can be drawn out of an opening in the pocket, which arrangement divides the pocket into two intermediate chambers (7) the operative connection of at least one of the sheets (1, 3) with the intermediate sheet arrangement (5) bringing about a recording contrast (13), furthermore with an adhesive layer (17) in a given region along the path of withdrawal of the intermediate sheet arrangement (5), which layer (17) adheres substantially less strongly at least to parts of the intermediate sheet arrangement (5) which are upstream with respect to the withdrawal movement and to parts of the intermediate sheet arrangement located in the aforementioned region than to opposing sides of the two sheets (1, 3), in such a manner that the layer (17), once the intermediate sheet arrangement (5) has been removed from the aforementioned region, closes off a pocket section, the intermediate sheet arrangement (5) sliding across the adhesive layer (17) upon withdrawal, characterised in that the adhesive layer (17) is located in a region in one intermediate chamber (9), the operative connection, which brings about the recording contrast (13), consists in a region of the other intermediate chamber (7) which is at least partially covered by the region of the adhesive layer.

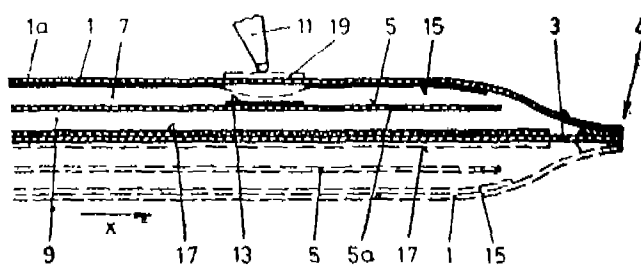


FIG.1

Compl. specn. 26 pages.

Drgns. 4 sheets.

Cl. : 29 A.

172513

Int. Cl. : G 06 F 15/00.

## A DUAL COMPUTER SYSTEM.

Applicant : YOKOGAWA ELECTRIC CORPORATION OF 2-9-32 NAKACHO, MUSASHINO-SHI, TOKYO, JAPAN.

Inventors : (1) HAJIME AKAI, (2) ISAO DOMOTO, (3) EIJI NAKAMOTO, (4) YOSHITSUGU MORIOKA & (5) SHUNSUKE HAYASHI.

Application No. 170/Cal/89; filed on 28th February, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

# 9 Claims

A dual computer system comprising a left processor unit, and a right processor unit, one of said left and right processor units being operated as a main system while the other is kept on standby as a subsidiary system against the failure of the main system, each of said left and right processor units comprising a memory and a dual control unit for controlling which one of said left and right processor units is to be operated as the main system according to information obtained through the monitoring of the operating states of said left and right processor units; wherein

said left processor unit further comprising means for generating a signal WR1 L to cause data in said memory of said left processor unit to be written into a first-in-first-out memory of an equalizing means according to a write operation when said left processor unit is in operation, and to cause data stored in said first-in-first-out memory to be read out and shifted to said left processor unit when said left processor unit is on standby;

said right processor unit further comprising means for generating a signal  $WRIR$  to cause data in said memory to said right processor unit to be written into said first-in-first-out memory according to a write operation when said right processor unit is in operation, and to cause data stored in said first-in-first-out memory to be read out and shifted to said right processor unit when said right processor unit is on standby;

said left processor unit further comprising means for generating a control declaration signal  $CTL$  when said left processor unit is to be in operation;

said right processor unit further comprising means for generating a control declaration signal  $CTLR$  when said right processor unit is to be in operation;

means for generating a dual control signal  $DCSL$  to cause said left processor unit to be operated;

means for generating a dual control signal  $DCSR$  to cause said right processor unit to be operated;

said dual control means comprises said equalizing means for continuously equalizing the contents of said memory in each

of said left and right processor units, said equalizing means comprising said first-in-first-out memory;

means for controlling the shift-in  $SI$  of data to said first-in-first-out memory only when the following expression is satisfied;

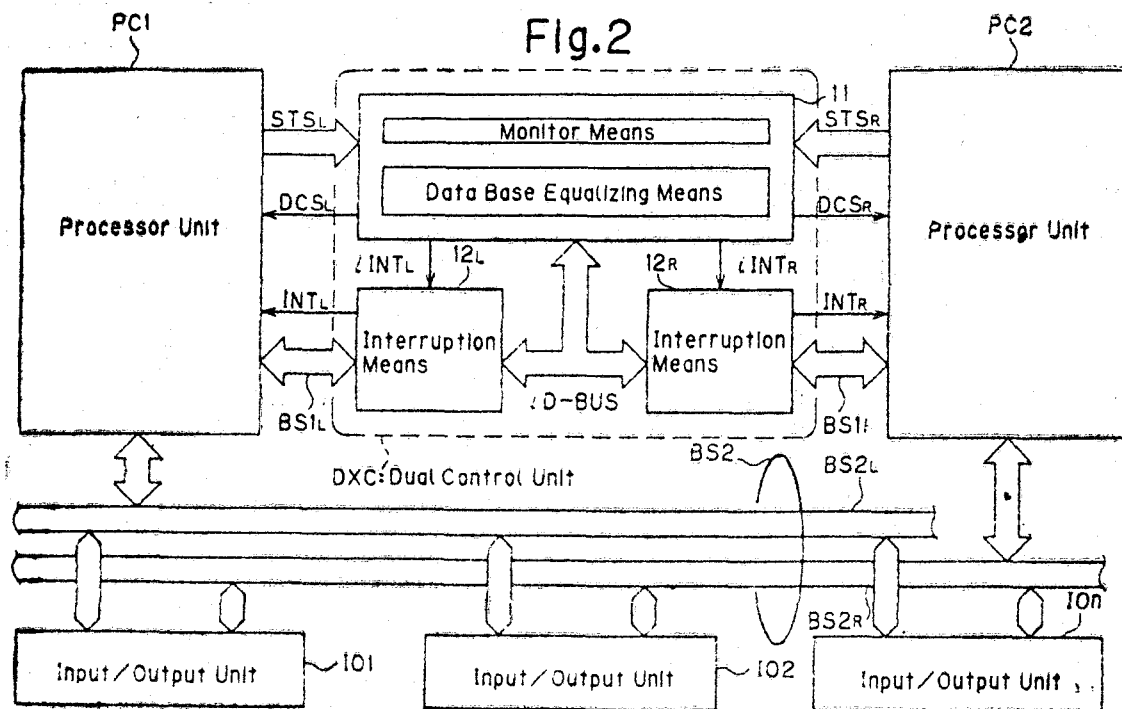
$$SI = \overline{WRI_L} \cdot CTL \cdot DCS_L + \overline{WRI_R} \cdot CTL \cdot DCS_R;$$

means for controlling the shift-out  $SO$  of data from said first-in-first-out memory only when the following expression is satisfied :

$$SO = \overline{WRI_L} \cdot CTL_L + \overline{WRI_R} \cdot CTL_R;$$

and means for monitoring the operational states of each of said left and right processor units and in response thereto for inhibiting access to said first-in-first-out memory when it is found that the above two expressions are not satisfied;

so that data is protected from undesired loss and continuity of control is maintained at all times including the time that transfer of control between the left and right processor units occurs.



Compl. specn. 60 pages.

Drgns. 22 sheets.

Cl. : 62 E.

172514

Int. Cl. B 08 B 3/00, 13/00; B 05 C 21/00

**ELECTRIC MOTOR AND MOUNTING ASSEMBLY FOR WASHING MACHINE.**

Applicant : EMERSON ELECTRIC CO., OF 8100 W. FLORISSANT, ST. LOUIS, MISSOURI 63136. UNITED STATES OF AMERICA.

Inventor : JOHN GARRETT LEWIS.

Application No. 247/Cal/89; filed on 31st March, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

11 Claims

An electric motor and mounting assembly for supplying power to a transmission for a washing machine agitator and tub said motor being mounted in operating relationship with said transmission on a mounting plate attached to the washing machine structure, comprising :

a stator assembly having a lamination centrally disposed rotor bore, slots opening on said bore, and windings in said slots,

a rotor assembly disposed rotatably in said rotor bore and having a centrally located shaft extending therethrough, said shaft having bearings journaled on opposite ends of said rotor assembly,

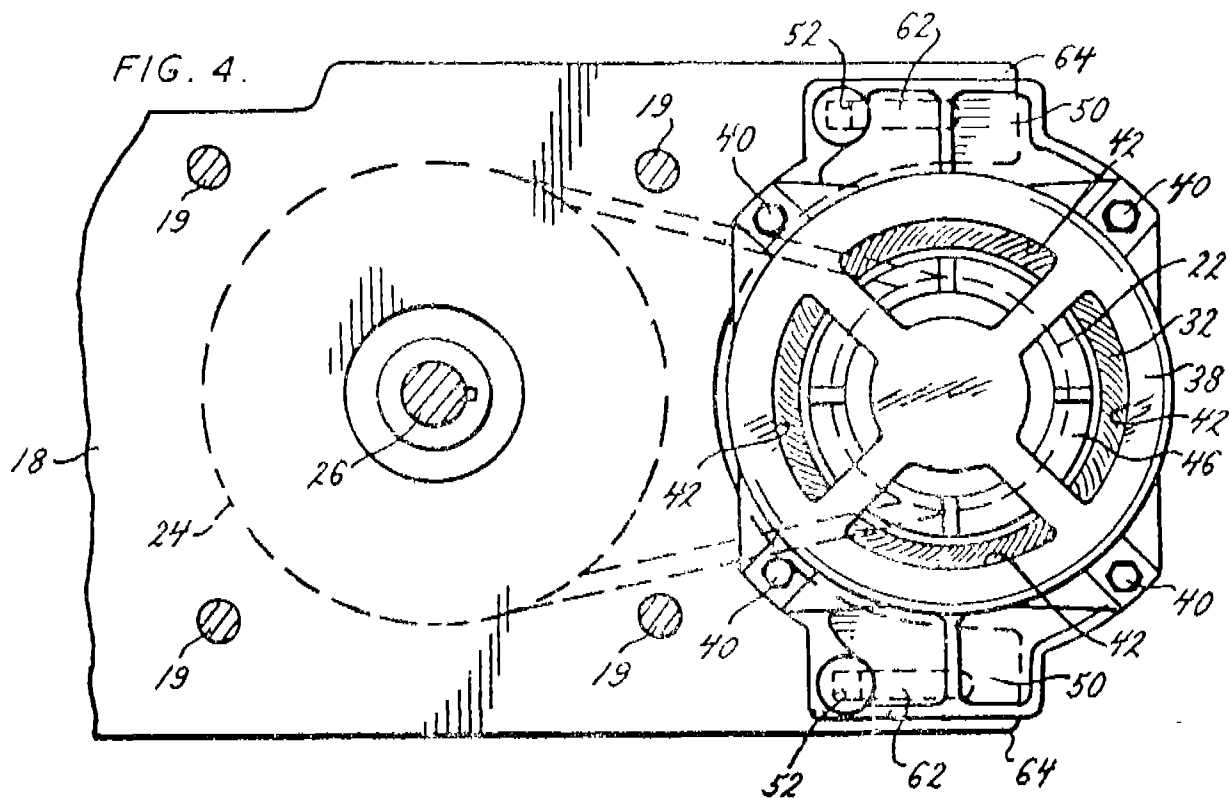
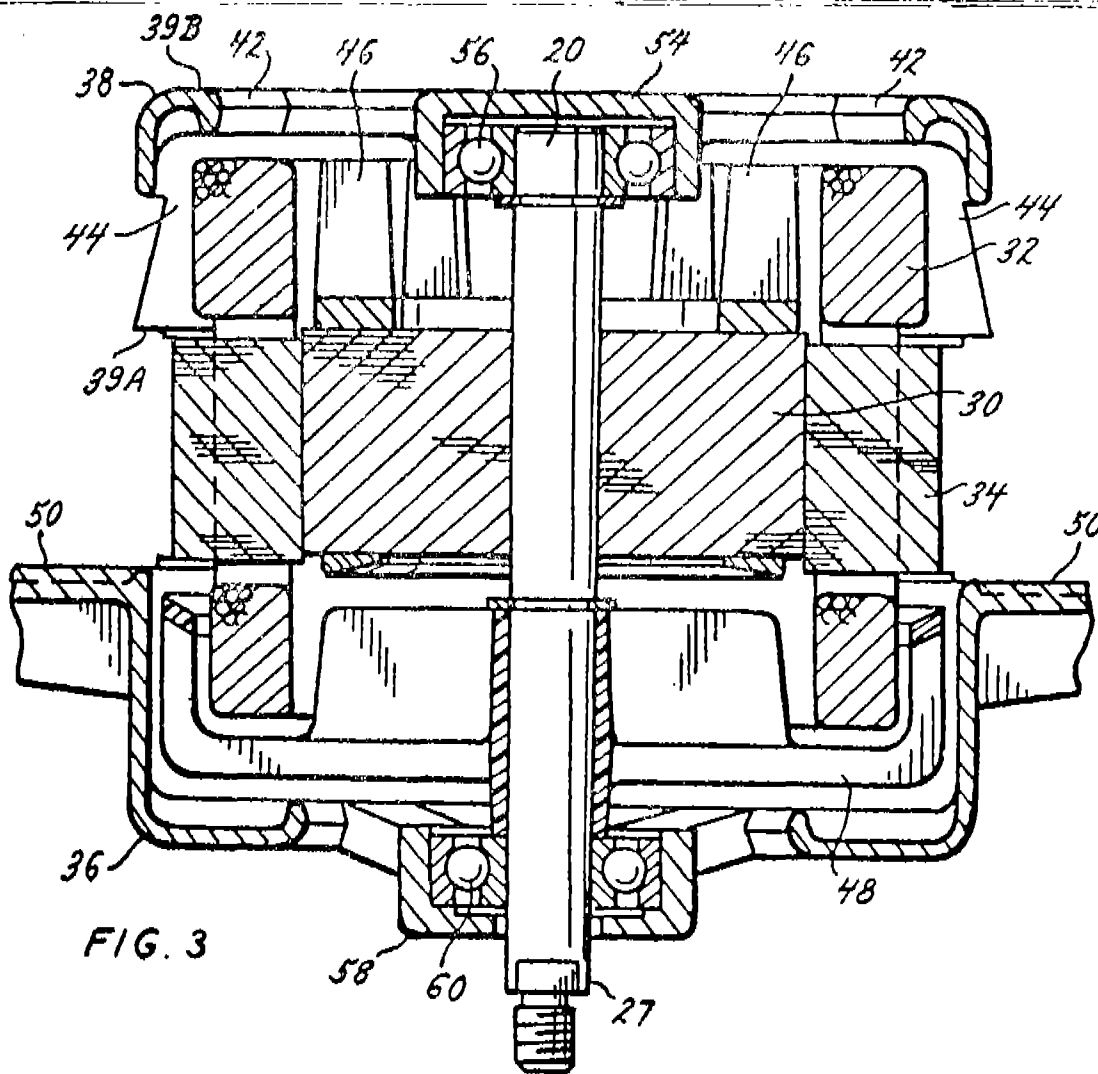
a rear endshield for said motor said endshield having a centrally located, bearing housing for rotatable containment of the bearing at one end of said rotor shaft, said rear endshield being operatively attached to said stator assembly,

a front endshield for said motor adjacent the mounting plate, said front endshield having a bearing housing with a centrally located circular opening, said housing projecting axially from the outside surface of said front endshield for rotatable containment of the opposed bearing near the end of said rotor shaft extending through said opening external to said motor, said front endshield being operatively attached to said stator assembly,

means for mounting said motor, shaft extension downward, to said mounting plate

said transmission including a shaft mounted transmission pulley, a belt, and a motor pulley mounted to said rotor shaft and engaged with said belt to drive said transmission the bearing housing of the rear endshield being internally disposed flush with the rear endshield outer surface, and

said means for mounting comprising at least one pair of mounting ears attached to and extending from said front endshield for securing the motor to said mounting plate so that said motor pulley is maintained in fixed planar relationship with respect to said transmission pulley.



172515

**A TWO-POINT MOTOR MOUNTING ASSEMBLY.**

Applicant : EMERSON ELECTRIC CO. OF 8100 W. FLORISSANT, ST. LOUIS, MISSOURI 63136 UNITED STATES OF AMERICA.

Inventor : JOHN GARRETT LEWIS.

Application No. 248/Cal/89; filed on 31st March, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

**3 Claims**

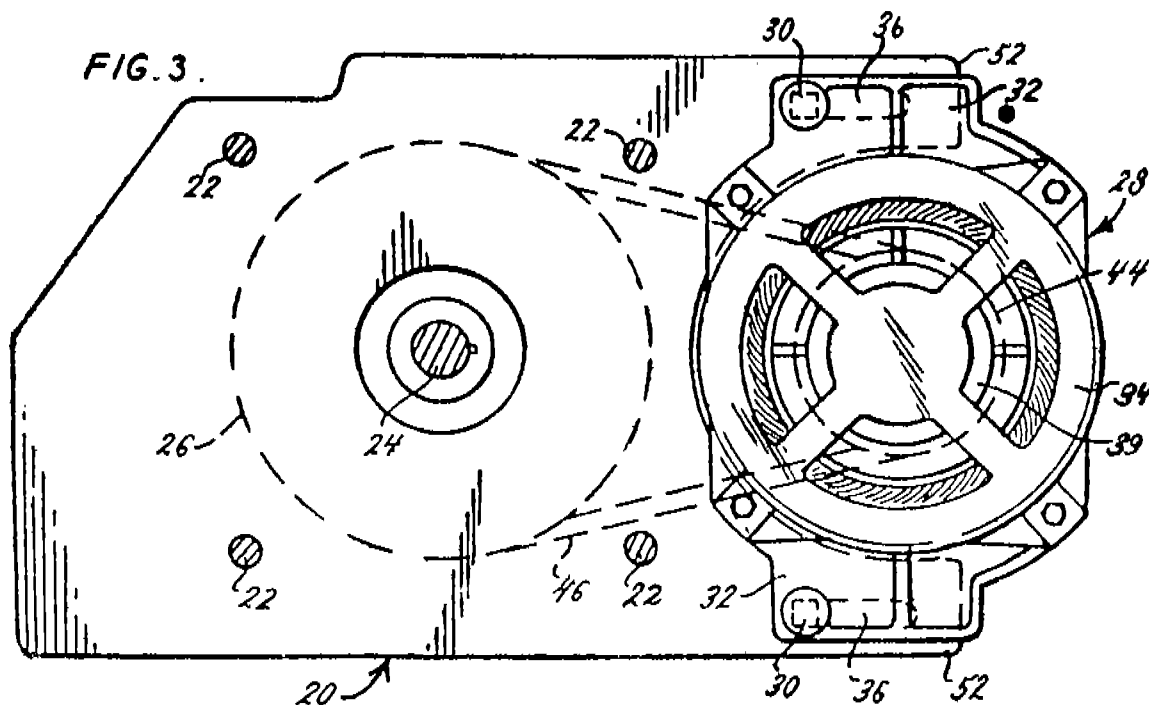
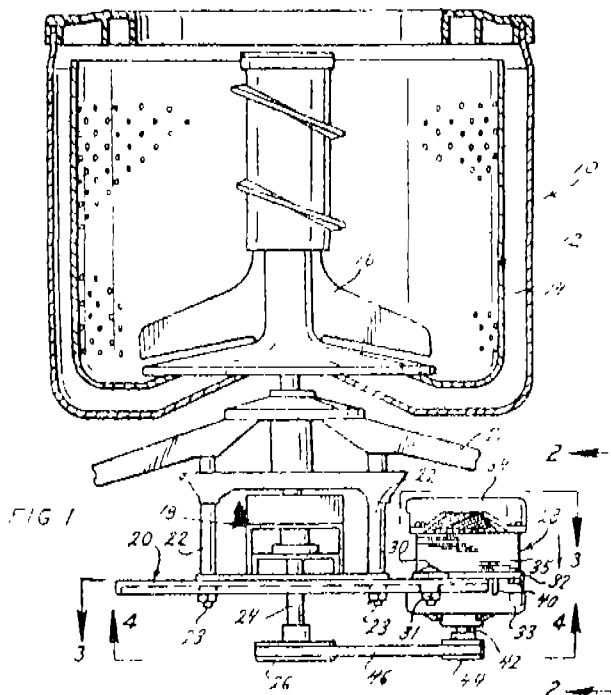
A two point motor mounting assembly for mounting a motor used in a household appliance within the appliance, the motor being connected to a transmission system comprising;

a mounting plate installed within the appliance and having a yoke-shaped section at one end thereof defining a pair of spaced apart yoke arms between which the motor is received;

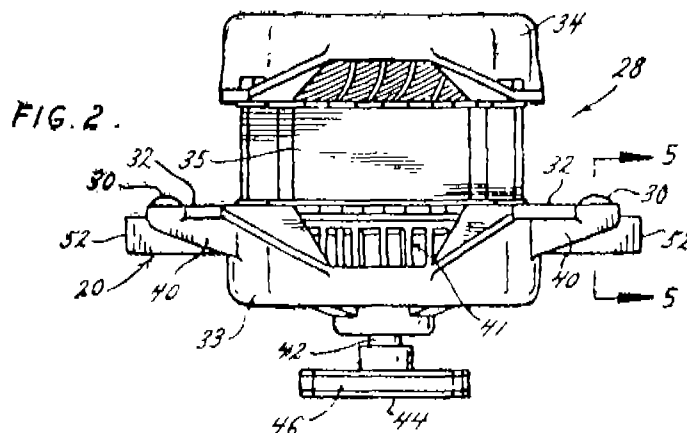
an endshield attached to one end of the motor and having a pair of opposed mounting ears extending outwardly from the sides thereof, the spacing between said mounting ears being such that each ear respectively overlays one of the yoke arms when the motor is fitted there between, each yoke arm and its overlying mounting ear having corresponding openings therethrough for attaching the endshield to the mounting plate;

fastening means fitting through each set of openings to mount the motor to the plate; and, stiffening means on the

end of each mounting ear, the opening in each ear being at one end of the ear and the stiffening means being at the opposite end thereof, said stiffening means strengthening the mounting ear and enabling it to withstand the forces applied by the yoke arm against the mounting ear to thereby help balance the forces between the motor and the transmission system.







Compl. specn. 14 pages.

Drgns. 2 sheets.

Cl. : 157 D 6 C

172516

4 Claims

Int. Cl. : E 01 B 9/00; F 16 B 2/22.

**CLIP FOR USE IN A RESILIENT RAIL FASTENING SYSTEM.**

Applicant & Inventor : ALBERT EDWARD REX OF INSTITUTE ROAD, MONTACUTE, SOUTH AUSTRALIA 5134, AUSTRALIA and ROBERT JOHN REX OF TULLAMORE, MONTACUTE, SOUTH AUSTRALIA 5134, AUSTRALIA.

Application No. 454/Cal/89; filed on 14th June 1989.

(Convention No. PJ1627. Dated 24-11-1988, AUSTRALIA.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

A clip for use in a resilient rail fastening system, said clip having a pair of spaced legs which are generally coextensive, with each leg having an extremity to engage a rail foot, and an intermediate portion to bear against the head of a stud sox insert so that the clip is tensioned to bias said extremities into contact with said rail foot; and

a base portion joining said legs at a position spaced from said intermediate portion and remote from said extremities, said base portion having a stud engaging centre spaced from a plane defined by said legs and adapted to abut said stud insert.

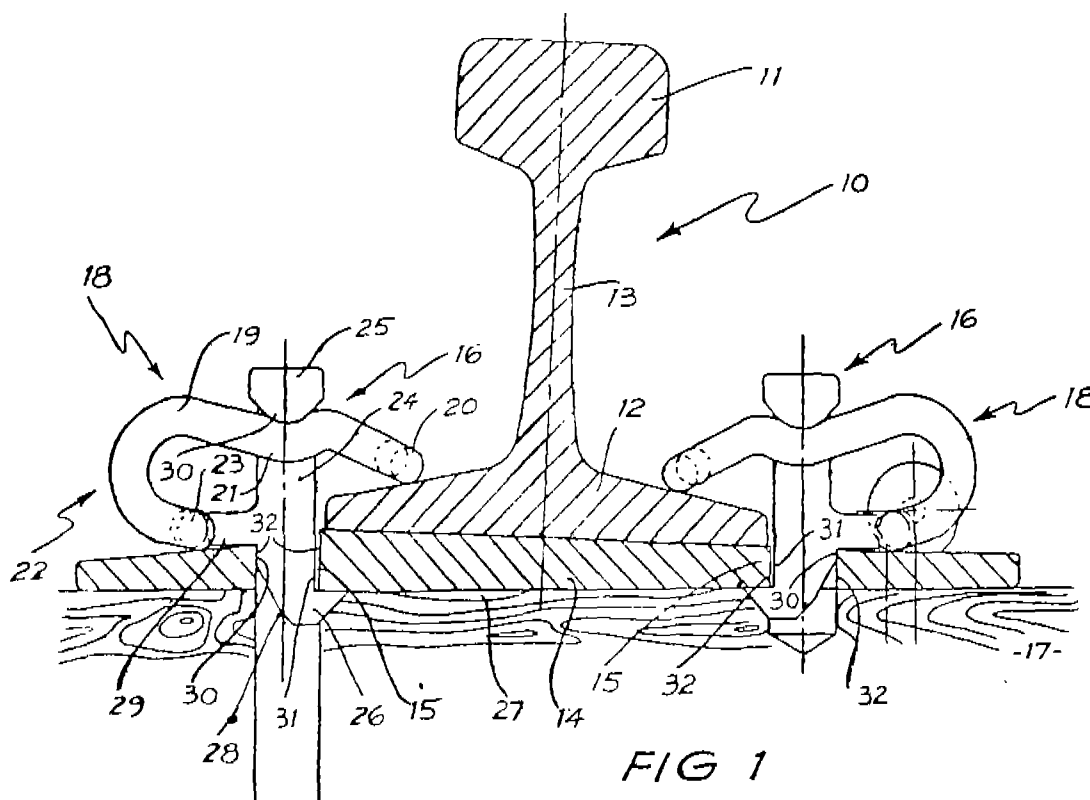


FIG 1

Compl. specn. 4 pages.

Drgns. 3 sheets.

Cl. : 8

172517

17 Claims

Int. Cl. : G 08 B 17/00.

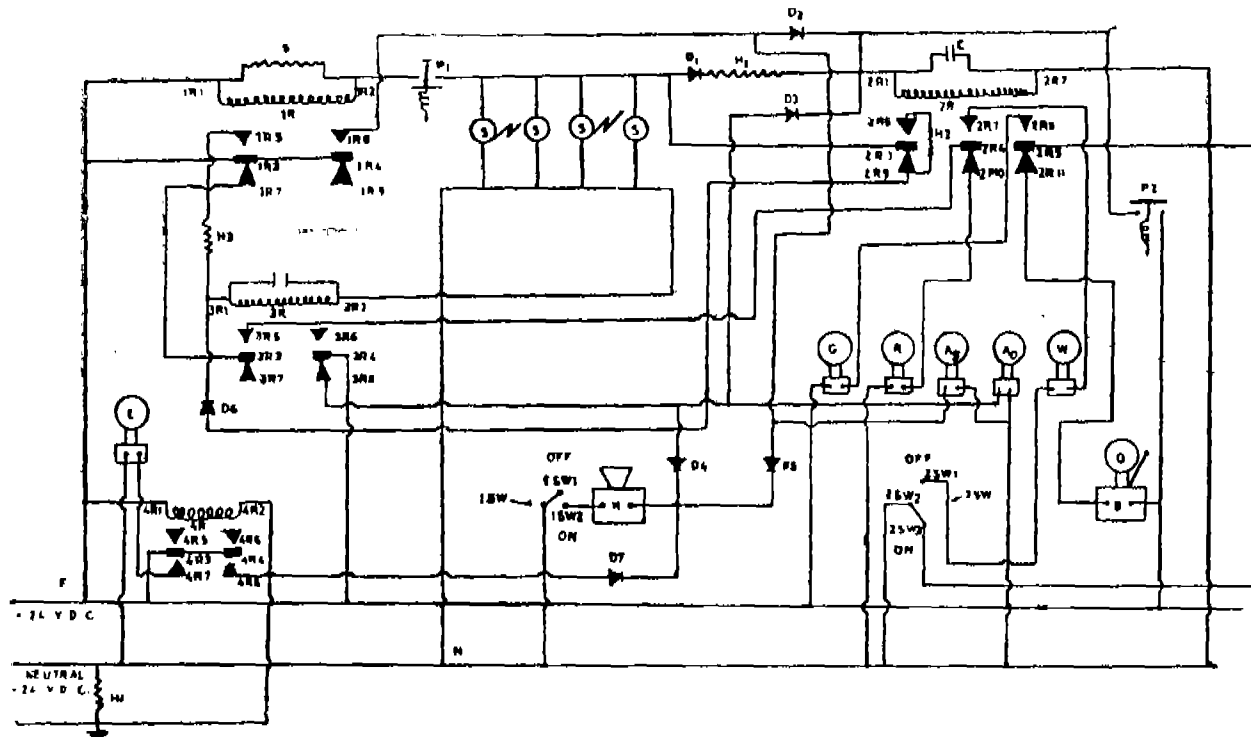
**AN IMPROVED ALARM SYSTEM FOR FIRE OR SMOKE.**

Applicant & Inventor : PREETI MATHUR OF C/O A. B. MATHUR OF FLAT NO. 12, 57 ELLIOTT ROAD, CALCUTTA-700016, WEST BENGAL STATE, INDIA.

Application No. 481/Cal/1989; filed on 23rd June 1989.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

An improved alarm system for fire or smoke comprising a predetermined number of sensors for detecting the occurrence of fire or smoke in the area to be monitored by said alarm system and audio-visual alarms, characterised in that said sensors are connected in parallel across a DC power supply source of predetermined voltage and that said audio-visual alarms are connected to different relays provided in the system to indicate the occurrence of fire or smoke and faults of different types such as short circuit, open circuit and earth connection of the lines used for supply the DC voltage to said sensors.



Compl. specn. 17 pages.

Drgn. 1 sheet.

Cl. : 32 F 2(a).

172518

Int. Cl. : C 07 C 85/11

C 07 B 61/00

**AN IMPROVED LIQUID PHASE CATALYTIC PROCESS FOR THE REDUCTION OF AROMATIC NITROCOMPOUNDS TO THE CORRESPONDING AROMATIC AMINOCOMPOUNDS.**

Inventors : (1) DR. CHAKRAVARTHULA SRINIVASA NARASIMHAN,  
(2) DR. VINAYAK MADHUKAR DESHPANDE.

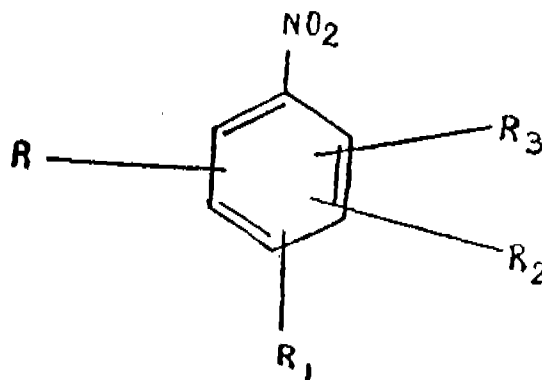
Application No. 1014/Cal/1989; filed on 08th December, 1989.

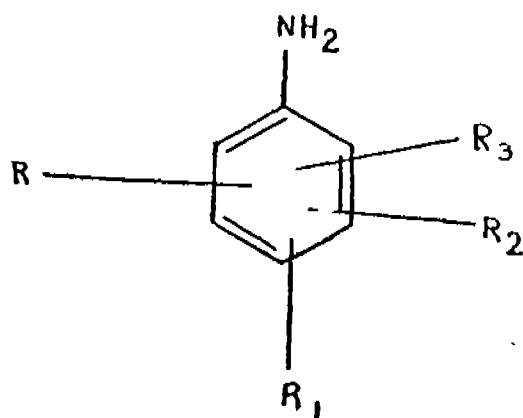
Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

5 Claims

An improved liquid phase catalytic process for the reduction of aromatic nitrocompounds of the formula I shown in the drawings accompanying the provisional specification, wherein R is H, OCH<sub>3</sub>, Cl, CH<sub>3</sub>, OAC, NO<sub>2</sub>, CN or COOH, R<sub>1</sub> is H or Cl, R<sub>2</sub> is H, NO<sub>2</sub> or Cl and R<sub>3</sub> is H or OH to the corresponding aminocompounds of the formula II shown in the drawings accompanying the provisional specification, wherein

R, R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> are as defined above, consisting of reducing a nitro compound of the formula I with hydrogen gas in the presence of a stable novel noble metal organosol consisting of a noble metal such as herein described dispersed in a hydrocarbon solvent such as herein described and stabilised with surfactant cetyl tributyl phosphonium bromide and in the presence of water at 15–50°C and 15–30 psi (pounds per square inch) or hydrogen gas pressure, the molar ratio of the hydrogen gas to the nitro compound being 1 : 2 to 1 : 10 and isolating the aminocompound of the formula II from the reaction mixture in a known manner.





Provisional specn. 7 pages.

Drgns. 1 sheet.

Compl. specn. 11 pages.

Drgns. Nil.

Cl. : 71 E

172519

Int. Cl. : A 47 L 11/00, 13/00.

## IMPROVEMENTS IN OR RELATING TO A DEVICE FOR SCRAPING.

Applicant & Inventor : SWAPAN KUMAR CHATTO-PADHYAY OF 40/7, DANESH SHAIKH LANE, HOWRAH-711109, WEST BENGAL, INDIA.

Application No. 278/Cal/90 filed on 3rd April 1990.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

15 Claims

A novel device for scraping of materials adhering to any moving or static surface, which comprises in combination :

- an upper part usually in the form of a rectangular or square sheet having at least one recess made therein such as herein described;
- a tubular middle part made of resilient material such as herein described, and
- a lower part carrying a blade which is a rectangular or square body made of sheet-like material such as herein described adapted to be used for scraping, wherein the said upper and lower parts are affixed to the said tubular part by methods known per se.

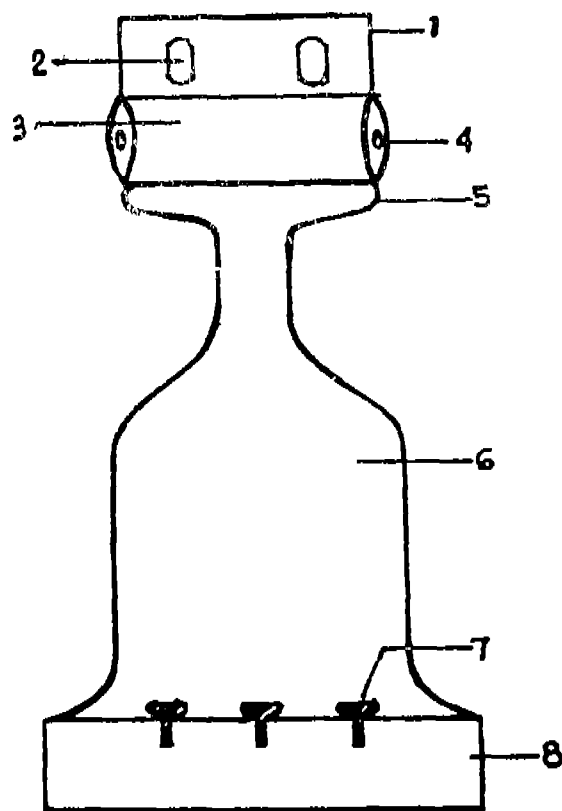


FIG. 1

Cl. : 55 E 4

172520

Int. Cl. : A 61 K 39/00, 39/12, 39/29, 39/245, 39/155, 39/135, 39/39.

## PROCESS OF PREPARING A NOVEL VACCINE COMPOSITION FOR USE IN RESPECT OF VARIOUS VIRAL/PATHOGENIC CONDITIONS IN WARM BLOODED ANIMALS.

Applicant : NORTH AMERICAN VACCINE, INC. OF 10900 HAMON STREET, MONTREAL, QUEBEC H3M 3A2, CANADA.

Inventor : CHRISTOPHER LAWRENCE PENNY.

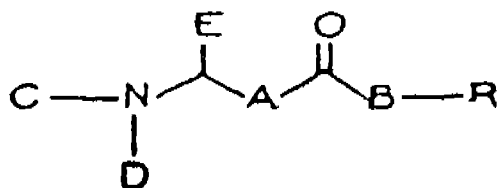
Application No. 317/Cal/91; filed on 24th April 1991.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

26 Claims

Process of preparing a novel vaccine composition having improved immunogenicity for use in respect of various viral/pathogenic condition in warm blooded animals comprising mixing immunologically effective amounts of a homogeneous immunogenic polypeptide such as herein described and an adjuvant of the formula I of the accompanying drawings under predetermined sterile conditions, wherein C is a hydrogen atom, an amino acid residue, or a peptide residue; D is a hydrogen atom, or a pharmaceutically acceptable acid such as hydrochloric, hydrobromic, phosphoric, sulfuric, tartaric, lactic or acetic acid; E is 4-hydroxybenzyl, benzyl, 4-hydroxyphenyl, 4-aminobutyl, isopropyl, methyl, hydrogen, or other residue of a naturally occurring amino acid, such as herein described; A is  $(CH_{2n})$ , oxygen or  $CH_2O$  and B is  $(CH_{2n})$ , or oxygen, where n is 0 to 4; but  $A \neq B$  for  $(CH_{2n})$  or oxygen, and R is an alkyl group containing 12 to 20 carbon atoms,

the relative proportion of polypeptide : adjuvant being 1 : 0.1 to 5000.



Compl. specn. 33 pages.

Drgn. 1 sheet.

#### PATENT SEALED

ON 14-08-1993

169827 169828 170003\* 170007 170009\* 170016 170032  
170161 170187 170231 170414 170492\*D 170509\*D 170510\*D  
170537 170538 170545 170546 170556 170565 170566 170569  
170577\* 170578 170589\*D 170653 170658\*D 170663 170670\*  
170673\*D

Cal—05, Mas—13, Bom—03 & Del—09.

\* Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the payment Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENT, F—FOOD PATENT.

#### RENEWAL FEES PAID

149236 149894 152290 153321 154070 154221 154796 154824  
155254 155871 156712 157076 157151 157310 157330 157473  
157496 158403 158412 158414 158703 158730 158890 159094  
159352 159357 159358 159739 160232 160674 160706 160711  
160849 160917 161356 161360 161433 161448 161461 161534  
161890 162318 162795 162817 163096 163305 163474 163756  
163757 164151 164217 164249 164382 164384 164616 164956  
164958 165077 165086 165095 165101 165106 165107 165172  
165208 165261 165268 165427 165551 165614 165823 165966  
166013 166384 166699 166700 166884 167072 167176 167179  
167214 167248 167257 167386 167397 167408 167448 167456  
167543 167638 167386 167397 167408 167448 167456 167543  
167638 167639 167673 167704 167711 167746 167747 167815  
167845 167908 167988 168033 168117 168215 168442 168479  
168481 168591 168700 168801 168996 169229 169302 169414  
169418 169462 169566 169695 169725 169781 169782 169793  
169795 169807 169871 169872 169876 169907 169935 169910  
169978 170043 170046 170047 170061 170063 170066 170127  
170194 170211 170234 170237 170239 170253 170257 170262  
170296 170297 170303 170606 170607 170608 170609 170632  
170647 170747 171025

#### CESSATION OF PATENTS

154598 154615 154618 154627 154643 154646 154651 154663  
154672 154675 154685 154687 154693 154718 154730 154741  
154749 154750 154758 154759 154762 154779 154785 154837

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168984, granted to Projects & Development India Limited, for an invention relating to "an atomizing nozzle".

The Patent ceased on the 13th January 1993, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th June, 1993.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta-700 020 on or before the 11th October 1993, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 152885 dated the 2nd April, 1981 made by Mineral Deposits Limited on the 23rd February, 1993 and notified in the Gazette of India, Part III, Section 2, dated 24th April, 1993 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 153222 dated the 2nd April, 1981 made by Mineral Deposits Limited on the 23rd February, 1993 and notified in the Gazette of India Part III, Section 2, dated the 24th April, 1993 has been allowed and the said patent restored.

#### REGISTRATION OF ASSIGNMENT, LICENCES ETC.

##### (PATENTS)

Assignments, Licences or other transactions affecting the interests of the original Patentees have been registered in the following cases :

156855 — M/s. A. S. Fuels Pvt. Ltd.

Assignments, Licences or other transactions affecting the interests of the original Patentees have been registered in the following cases

168222 — WATER GUARD INDUSTRIES, INC.

##### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the designs included in the entry.

Class 1. No. 165077. Rustom Gandhi, Indian of 8, Hastings Road, Allahabad-211001, U.P., India. "Sheath and Jacket Cutter". December 9, 1992.

Class 1. No. 165123. Peico Electronics & Electricals Ltd., of Shivsagar Estate, Block 'A', Dr. Annie Basant Road, Worli, Bombay-400 018, Maharashtra, India, Indian Co. "Lighting Fixture". December 18, 1992.

Class 1. No. 165126. Delsey, Society of 23, Rue Saint Andre 93012, Bobigny, France. "Suitcase". December 18, 1992.

Class 1. No. 165360. Union Carbide India Ltd., Indian Company of 1, Middleton Street, Calcutta-700 071, W.B., India. "Flashlight". February 17, 1993.

Class 1. Nos. 165483 & 165484 Polar Fan Industries Ltd., Indian Company of Poddar Point, 113, Park Street, 8th floor, Calcutta-700 016, W.B., India. "Disc for ceiling fan motor body". March 30, 1993.

Class 3. No. 165242. Crystal Plastics & Metallizing Pvt. Ltd., Sanghi House, Palkhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400 025, Maharashtra, India. "Comb". 1st February, 1993.

Class 3. No. 165361. Union Carbide India Ltd., Indian Company of 1, Middleton Street, Calcutta-700 071, W.B., India. "Flashlight". February 17, 1993.

Class 3. No. 165928 Polyset Products Pvt. Ltd. of 2503-6, GIDC, Halol 389350, Dist. Ranchmahals, Gujarat, India, "Ice Box". November 3, 1992.

Class 3. Nos. 165485 & 165486. Polar Fan Industries Ltd., Podar Point, 113, Park Street, 8th flr., Calcutta-700 016, W.B., India, Indian Co. "Disc for ceiling fan motor body". March 30, 1993.

Class 5. No. 165073. Smt. Swapna Das, Indian of M/s. Jemson International of 24, Ashutosh Pally, Calcutta-700 084, W.B., India. "Carton". December 4, 1992.

Class 5. No. 165442. Socketing Tea Co. Pvt. Ltd., 23/24, Radha Bazar Street, 5th flr, 'Sethia House', Calcutta-700 001, W.B., India. "Poly Pouch". March 22, 1993.

R. A. ACHARYA  
Controller General of Patents, Designs  
& Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1993

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,  
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1993